



Angular Fundamentals

Korte herhaling dag 2

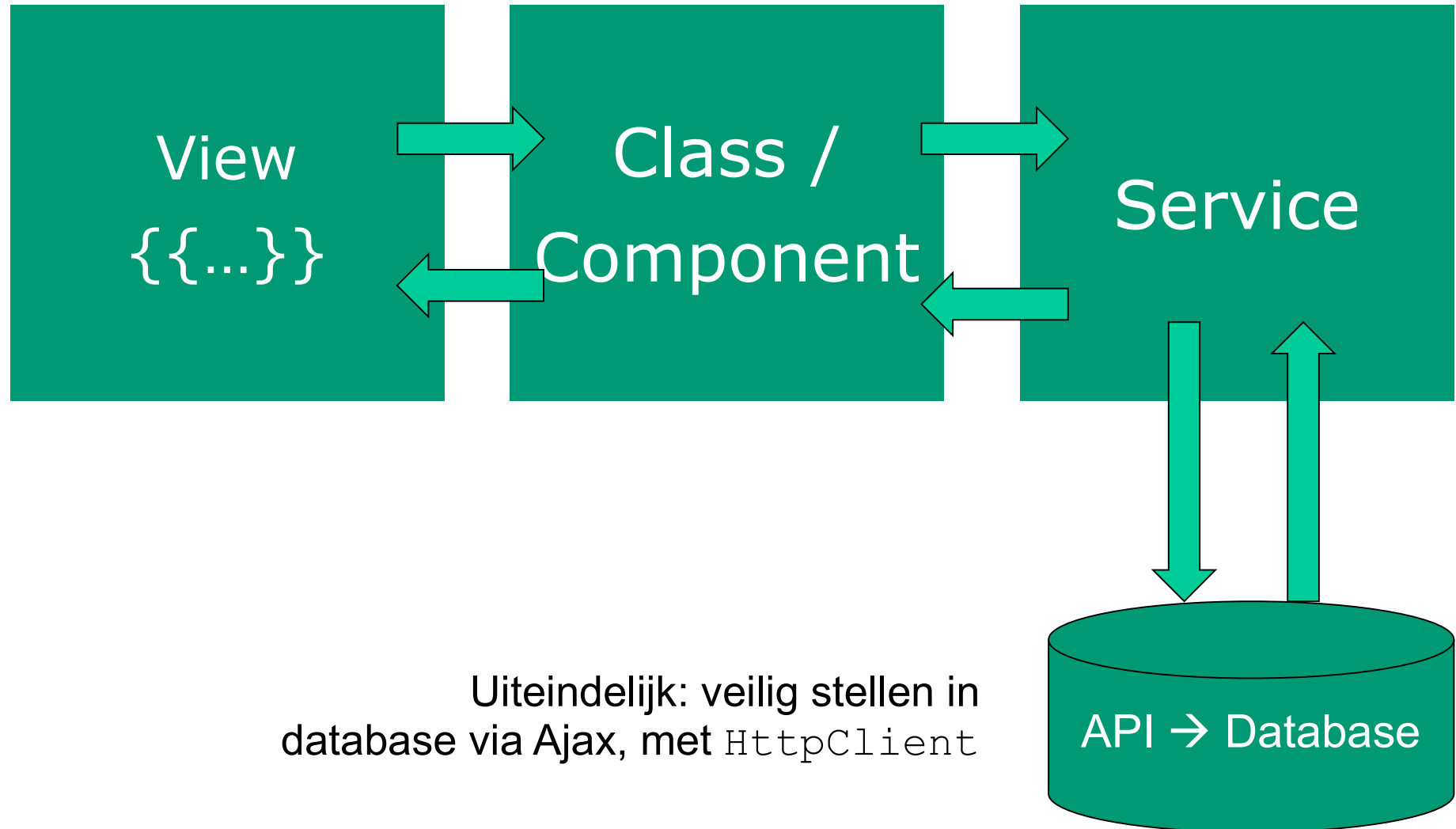


Peter Kassenaar
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Gisteren, dag #2

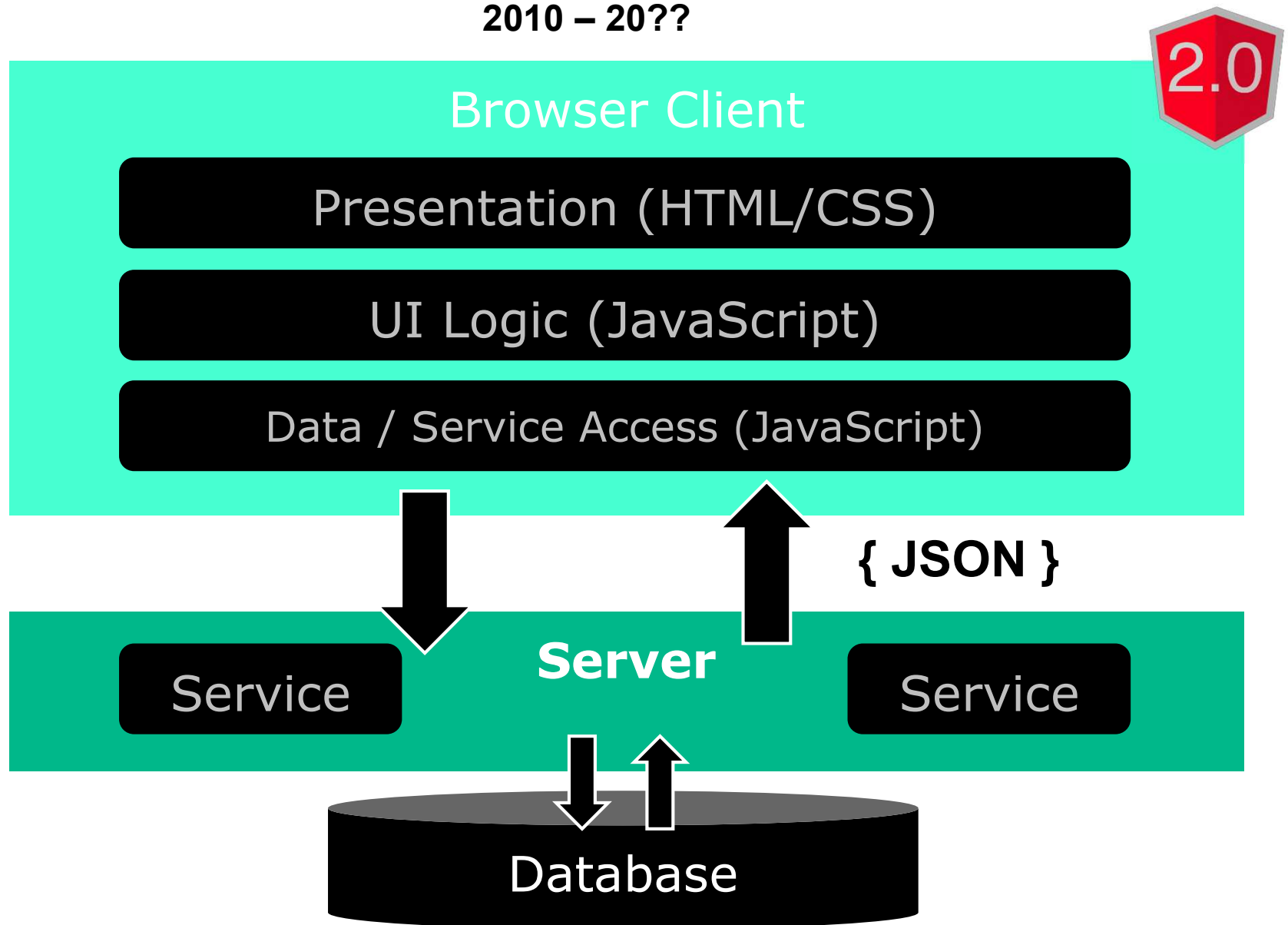
- Two-way binding met `[(ngModel)]`
- Services met `@Injectable()`
 - Static services
 - Data niet meer via componenten
 - Werken met `HttpClient`, `Observables` en `RxJS`
 - Eigen (mocking) API met `json-server`
- Live API's
- Component Data Flow met `@Input()` en `@Output()`

Data flow

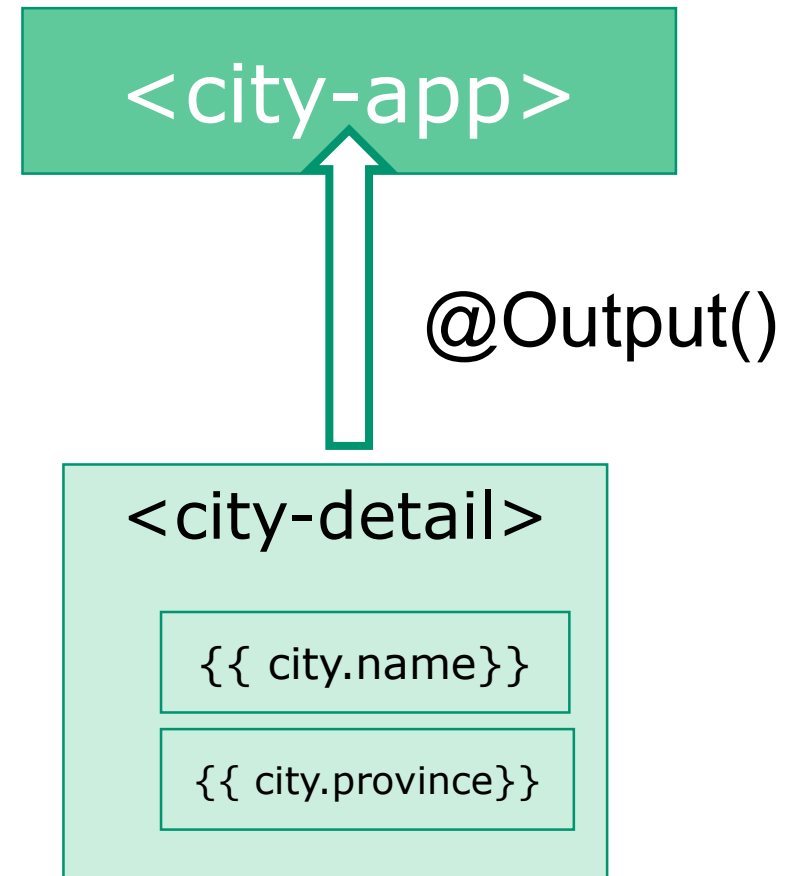
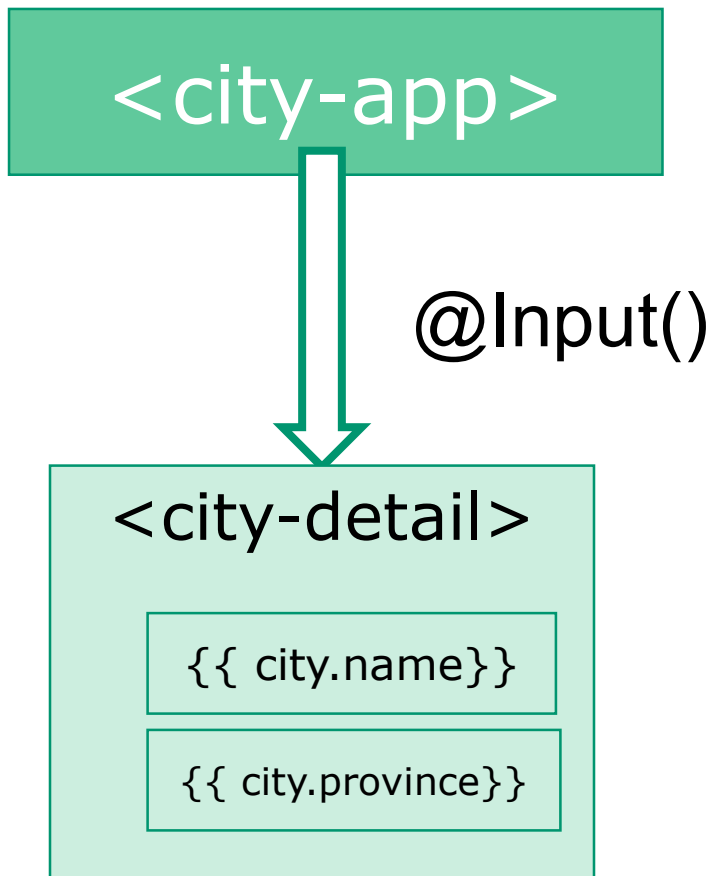


Single Page Application

2010 – 20??



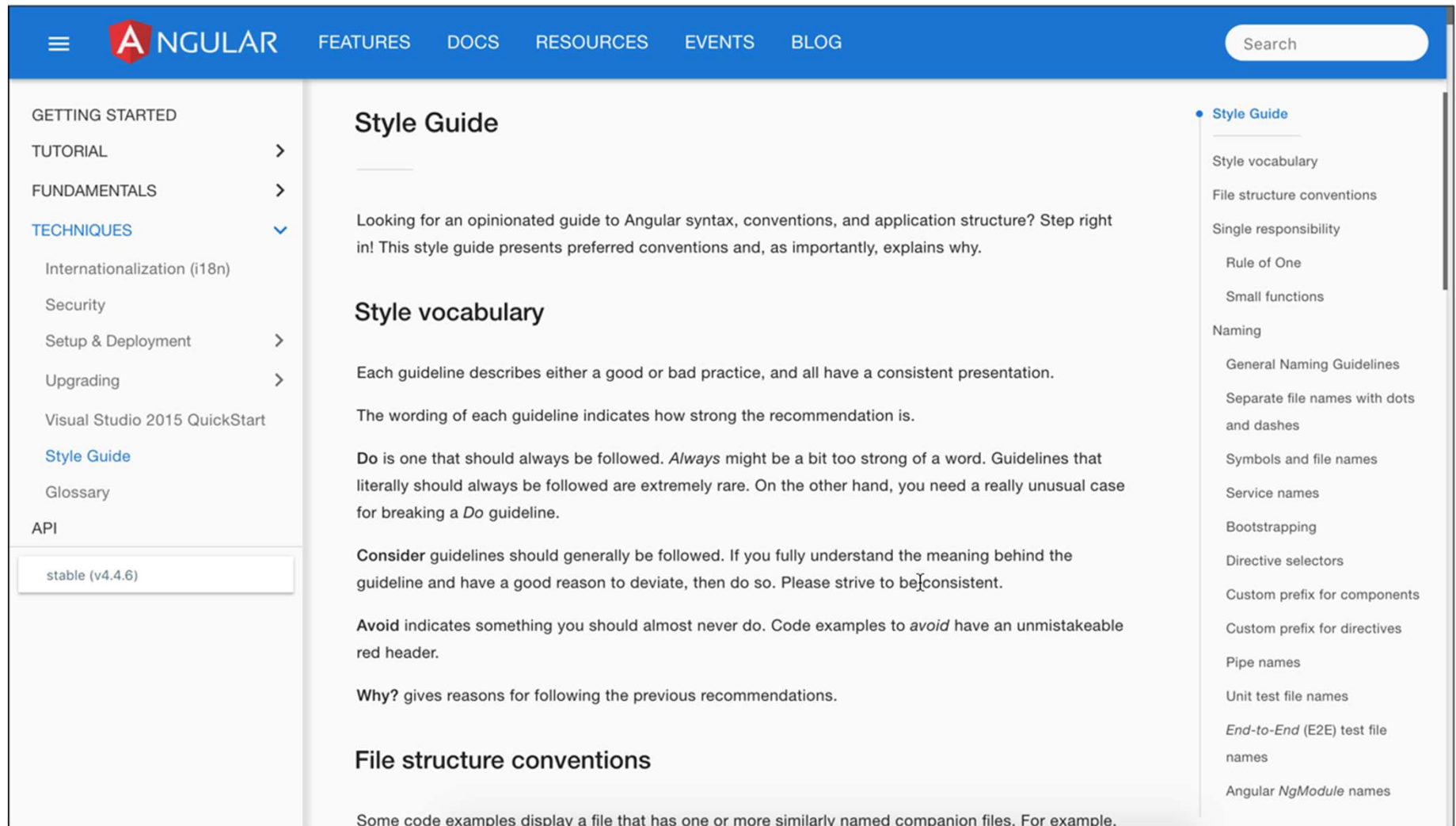
Parent-Child flow en Child-Parent flow



Vandaag – dag 3

- Style Guide
- Tree of components
 - Data flow tussen de componenten
 - Event bus met `Subject<Type>()`
- Routing
 - Basic routing
 - Routing Parameters
- Forms
 - Template Driven Forms
 - Reactive Forms

Angular Style Guide



The screenshot shows the Angular Style Guide page. The top navigation bar is blue with the Angular logo and links to FEATURES, DOCS, RESOURCES, EVENTS, and BLOG. A search bar is on the right. The left sidebar contains a list of categories: GETTING STARTED, TUTORIAL, FUNDAMENTALS, TECHNIQUES (highlighted with a blue checkmark), Internationalization (i18n), Security, Setup & Deployment, Upgrading, Visual Studio 2015 QuickStart, Style Guide (highlighted with a blue dot), Glossary, and API. Below the API section, there is a box labeled 'stable (v4.4.6)'. The main content area has the title 'Style Guide' and a paragraph: 'Looking for an opinionated guide to Angular syntax, conventions, and application structure? Step right in! This style guide presents preferred conventions and, as importantly, explains why.' Below this is the section 'Style vocabulary' with the text: 'Each guideline describes either a good or bad practice, and all have a consistent presentation. The wording of each guideline indicates how strong the recommendation is. Do is one that should always be followed. Always might be a bit too strong of a word. Guidelines that literally should always be followed are extremely rare. On the other hand, you need a really unusual case for breaking a Do guideline. Consider guidelines should generally be followed. If you fully understand the meaning behind the guideline and have a good reason to deviate, then do so. Please strive to be consistent. Avoid indicates something you should almost never do. Code examples to avoid have an unmistakable red header. Why? gives reasons for following the previous recommendations.' Below this is the section 'File structure conventions' with the text: 'Some code examples display a file that has one or more similarly named companion files. For example,'. The right sidebar contains a list of topics under the 'Style Guide' heading: Style vocabulary, File structure conventions, Single responsibility, Rule of One, Small functions, Naming, General Naming Guidelines, Separate file names with dots and dashes, Symbols and file names, Service names, Bootstrapping, Directive selectors, Custom prefix for components, Custom prefix for directives, Pipe names, Unit test file names, End-to-End (E2E) test file names, and Angular NgModule names.

ANGULAR FEATURES DOCS RESOURCES EVENTS BLOG Search

GETTING STARTED
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FUNDAMENTALS >
TECHNIQUES ✓
Internationalization (i18n)
Security
Setup & Deployment >
Upgrading >
Visual Studio 2015 QuickStart
Style Guide
Glossary
API
stable (v4.4.6)

Style Guide

Looking for an opinionated guide to Angular syntax, conventions, and application structure? Step right in! This style guide presents preferred conventions and, as importantly, explains why.

Style vocabulary

Each guideline describes either a good or bad practice, and all have a consistent presentation.

The wording of each guideline indicates how strong the recommendation is.

Do is one that should always be followed. *Always* might be a bit too strong of a word. Guidelines that literally should always be followed are extremely rare. On the other hand, you need a really unusual case for breaking a *Do* guideline.

Consider guidelines should generally be followed. If you fully understand the meaning behind the guideline and have a good reason to deviate, then do so. Please strive to be consistent.

Avoid indicates something you should almost never do. Code examples to *avoid* have an unmistakable red header.

Why? gives reasons for following the previous recommendations.

File structure conventions

Some code examples display a file that has one or more similarly named companion files. For example,

- Style Guide
 - Style vocabulary
 - File structure conventions
 - Single responsibility
 - Rule of One
 - Small functions
 - Naming
 - General Naming Guidelines
 - Separate file names with dots and dashes
 - Symbols and file names
 - Service names
 - Bootstrapping
 - Directive selectors
 - Custom prefix for components
 - Custom prefix for directives
 - Pipe names
 - Unit test file names
 - End-to-End (E2E) test file names
 - Angular *NgModule* names

<https://angular.io/guide/styleguide>

Angular Advanced – December - januari

- Angular CLI, Tips & tricks, custom schematics
- Multiple Modules,
- Advanced routing, lazy loading
- Advanced components
- Unit Testing
- State Management with @ngrx/store
- Angular in the Enterprise / bigger architectures
- More on observables

Evaluatie



"De deelnemers krijgen vanuit ons LMS aan het eind van de laatste trainingsdag een link naar de Didacticum evaluatie.

Mochten ze die vergeten in te vullen, dan volgt er automatisch een herinnering."

If you liked it, endorse

The screenshot shows a LinkedIn profile page. The top navigation bar includes the LinkedIn logo, a search bar, and icons for Home, My Network (with a red notification badge), Jobs, Messaging, Notifications, Me, and Work. The main content area on the left shows a section for education with the text 'duursporten (lopen, zwemmen, fietsen, roeien, schaatsen). Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).'. Below this is a blue button labeled 'Add new profile section'. The 'Featured Skills & Endorsements' section is circled in red and lists three skills: 'Teaching' (3 endorsements from Youri Pattynama and 2 connections), 'TypeScript' (3 endorsements from Youri Pattynama and 2 connections), and 'Angular' (2 endorsements from Momen El Kamri and 1 connection). A link 'See 26 more skills' is at the bottom of this section. The 'Recommendations' section is partially visible at the bottom. On the right side, there is a blue button 'Add new profile section' and a 'Messaging' button at the bottom right.

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Laatste jaar in combinatie met studie Bewegingswetenschappen, Rijksuniversiteit Groningen (RUG).
[See more education](#) ✓

Featured Skills & Endorsements [Add a new skill](#) ✎

Teaching · 3 Youri Pattynama and 2 connections have given endorsements for this skill

TypeScript · 3 Youri Pattynama and 2 connections have given endorsements for this skill

Angular · 2 Momen El Kamri and 1 connection have given endorsements for this skill

[See 26 more skills](#) ✓

Recommendations [Ask to be recommended](#) ✎

[Messaging](#) ✎ ⚙

<https://www.linkedin.com/in/peterkassenaar/>



www.angulartraining.nl